

URKI-NATO

2 K GLOSSY POLYURETHANE ENAMEL

URKI-SYSTEM

CONVERTER: 6742 / CONV U-NATO

RELATION PASTE / CONV.: 28/72 V. (35/65 weight)

Edition: 025 2018/06

Cod: 6974200000.00000.025

APPLICATION

"USE ONLY IN INDUSTRIAL FACILITIES"

This paint is designed for the painting of machinery, industrial vehicles, structures and tanks, for indoor and outdoor use. Excellent qualities with regards to hardness, elasticity, resistance to abrasion and aggressive agents (water, detergents, petrol, grease, lubricants, including under heat exposure, chemical products, etc).

Fire-retardant (M1)- Homologated according to UNE 23727-90. Tested according to UNE 23721-90. It is classified as F1 according to the norm NF F-16101 (previously primed with BESA-CAR).

URKI-NATO , in every gloss level (URKI-NATO or URKI-NATO SAT) is classified as R1,R9 according to the norm EN 45545 when it is applied onto F-294/2 or BESA-CAR

URKI-NATO in its satin and structured version and applied on BESA-CAR, is classified as R10 (Test of Critical sliding angle according to DIN 51130)

F-29 + URKI-NATO on shotblasted steel Sa 2 ½ complies with C3 HIGH. ALFAZINC 1674 EZ + F-294/2 + URKI-NATO on shotblasted steel Sa 2 ½ complies with C5 I High and ALFA-POX 1690 + URKI-NATO complies with C5-I (shotblasted Steel Sa 2 ½)

All processes are certified in accordance to ISO 12944 by an approved independent Laboratory.

PHYSICAL PROPERTIES

Density at 20°C (g/cc)	1,05 - 1,30 (1,02 - 1,22 Mixture with hardener)
Grinding Fineness (µ)	5 - 10
Supply viscosity at 20°C	80 - 90 KU (Stormer)
%Solids content (weight / volume)	59 - 67 % weight; 50 - 54 % volume. (Mixture with hardener E-277) 55 - 64 % weight; 48 - 51 % volume. (Mixture with hardener E-225)
V.O.C. (g/l)	540 (Ready to use)
Type of product	Polyurethane Polyester
Colour	URKI-SYSTEM. RAL, UNE, NCS, BS, etc.

SURFACE PREPARATION

- Steel: Carefully degrease and prime with F-714 SHOP-PRIMER. For a better rust protection, prime with F-282/2 2K Zinc-Phosphate Epoxy Primer.
- Galvanized: Degrease. If old, brush and degrease. Prime with F-282/2 or F-286/2 2K Epoxy SHOP-PRIMER.
- Aluminium: As for galvanized.

APPLICATION INSTRUCTIONS

Hardener: E-277 (aromatic, interiors) E-225 (aliphatic, exteriors)

Electrostatic applicatio: With equipment working with high resistivity, dilute with Thinner URKISOL-222; for equipment with a low resistivity use Thinner URKISOL-224. Hardener E-225 can only be applied with equipment with low resistivity, diluting it with URKISOL-222. It is recommended to leave the diluted mixture settle for about 15 minutes before starting the application. To use it as ANTIGRAFFITI, use ADDITIVE 51 ANTIGRAFFITI instead of the recommended thinner. See Additive Technical Data Sheet.



E-277 (Indoors)
E-225 (Outdoors)
2:1 vol.



5 h.



20-22 "
 FORD nº 4



URKISOL
900/P or 8229
25-30 %



35-45 my



3-5 h. Tack Free



20'



10-15'
 70°C/30'
 (In cabin)



AIR-MIX
URKISOL
900/p or 8229
8-12%
 25-35"



AIR-LESS
URKISOL
900/P or 8229
8-12 %
 35-40 "

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FEATURES OF DRY FILM

Theoretical yield (m ² /l)	12 - 13 (40 my)
Gloss 60°-60°	> 95 %
Second layer	18 hours (after this time, degrease). If the product is used as Antigrffiti, it needs to be sanded and degreased.

Mixing (weight) with U-NATO SAT Converter, an intermediate gloss range can be obtained. To achieve the degree of gloss as indicated in the table make sure all products are correctly mixed.

E-225

URKI-NATO	20	15	10
URKI-NATO SAT	80	85	90
Gloss 60°-60°	65-75	55-60	40-50

E-277

URKI-NATO	20	15	10
URKI-NATO SAT	80	85	90
Gloss 60°-60°	80-85	70-75	65-70

The values shown in the table are for guidance only.

The indicated degree of gloss are achieved with the above mentioned thicknesses (35-45 my).

STORAGE

Keep under cover in a cool and well-ventilated place avoiding direct sunlight. Temperatures between 5 and 30°C recommended. Can life: **2 years** from manufacturing in date its original unopened container. Consult our Technical Department once date has expired.